

FIG. 1

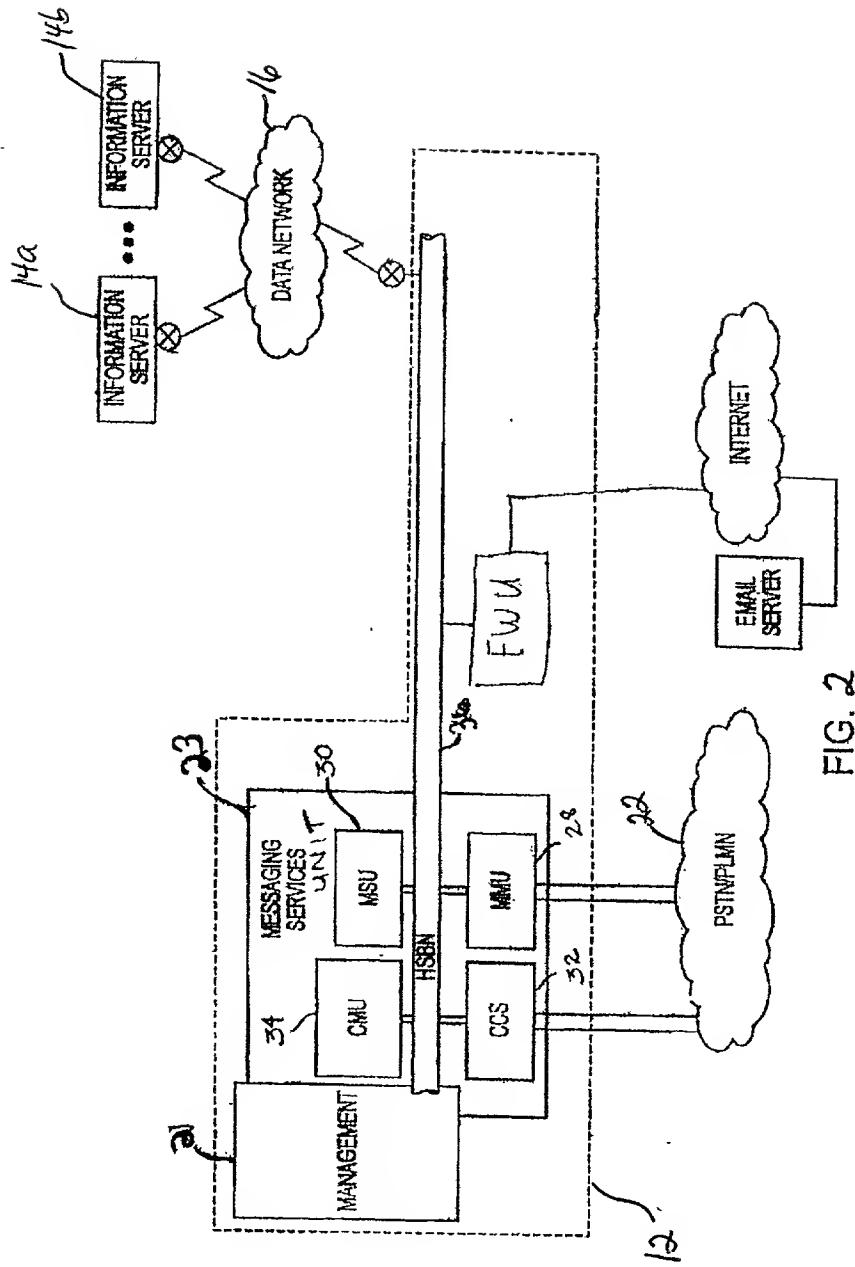


FIG. 2

FIG. 3

Log Period: 14 Days

Activity	Date	Time	Day	Location
weather info	4/2/01	8:01	Monday	40.231N 75.453W
weather info	4/3/01	8:15	Tuesday	40.232N 75.453W
weather info	4/4/01	7:50	Wednesday	40.111N 75.465W
news	4/4/01	9:05	Wednesday	40.230N 75.453W
weather info	4/5/01	8:32	Thursday	40.111N 75.460W
weather info	4/6/01	8:11	Friday	40.231N 75.452W
sports info	4/7/01	12:30	Saturday	40.231N 75.457W
sports info	4/8/01	12:30	Sunday	40.231N 75.458W
weather info	4/9/01	7:51	Monday	40.119N 75.465W
news	4/11/01	14:52	Wednesday	40.231N 75.433W
call home	4/11/01	8:33	Wednesday	40.111N 75.475W
weather info	4/12/01	9:01	Thursday	40.231N 75.455W
weather info	4/13/01	8:11	Friday	40.231N 75.453W
sports info	4/14/01	14:52	Saturday	40.232N 75.453W
sports info	4/15/01	16:29	Sunday	40.234N 75.453W

FIG. 4

Time	Sun	Mon	Tue	Wed	Thu	Fri	Sat
0:00-5:59							
6:00-11:59		weather info					
12:00-17:59	sports info						sports info
18:00-23:59							
No Specific Time				news			

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FIG. 5

Event ID	Activity Type	Activity Attribute	Time	Day	Event ID of Next Event in Pattern 1	Event ID of Next Event in Pattern 2
1	weather info	4/2/01	8:01	Monday	2	
2	weather info	4/3/01	8:15	Tuesday	3	
3	weather info	4/4/01	7:50	Wednesday	5	
4	news	4/4/01	9:05	Wednesday	10	
5	weather info	4/5/01	8:32	Thursday	6	
6	weather info	4/6/01	8:11	Friday	9	
7	sports info	4/7/01	12:30	Saturday		8
8	sports info	4/8/01	12:30	Sunday		
9	weather info	4/9/01	7:51	Monday		
10	news	4/11/01	14:52	Wednesday		

FIG. 6

	Pattern 1: Done Every Weekday		Pattern 2: Done Every Weekend	
	Number of Events in Pattern	Event Id of 1 st Event in Patten	Number of Events in Pattern	Event Id of 1 st Event in Pattern
weather info	6	1	0	0
news	2	4	0	0
sport info	0	0	2	7

FIG. 7

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Activity Type	Example	Example	Example
Call	Call Mom	Call Erin Pantaja	Call John Jones
Play Messages	Play my messages	Tell me my messages	Please play messages
Call Number	Call 617 588 4921	Call 800 222 2345	Dial 617 734 9211
NPR News	Tell me the NPR news	Please tell me the NPR news	
My Stocks	Tell me my stocks	Play the portfolio	

FIG. 8

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Activity type	Date last used
Call	4/24/01
Play messages	4/22/01
Call number	4/22/01
NPR news	12/3/00
My stocks	9/10/99

FIG. 9

